

Work Order ID 56739

March 5, 2010 9:59:52 AM



Page 1

Item ID: D119-646-114 Accept

Revision ID:

Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, RH

Start Date: 05/03/2010 Start Qty: 1.00

Required Date: 17/03/2010 Req'd Qty: 1.00

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: PL Date: 10-3-05 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start _____ Stop _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D119-646	B

100		0.00							
	Document Control								
	Memo	0.00							
	Photocopy bluefile & type labels per PPP D119-646-114 CHG001								

5/10/05/19

Handwritten signature and date: 10/05/10

110	Pick Kit	0.00							
	Packaging								
	Memo	0.00							

Handwritten signature and date: 10/05/19

120	QC4- 100% Inspect kits for completeness	0.00							
	QC								
	Memo	0.00							

8/10/05/19

Handwritten mark: (X)

Handwritten number: 1356969

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 56739

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Item ID: D119-646-114

Accept



Setup Start



Revision ID:

Stop



Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, RH

Start Date: 05/03/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 17/03/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Draw
Number

Draw
Rev.

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D119-646-114

Location:

PPP rev: PDAFT

11/40/19 (2)

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

10/05/19
mr
10-5-19

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TO

Work Order ID: 56739



Parent Item: D119-646-114



Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, RH

Start Date: 05/03/2010

Required Date: 17/03/2010

Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D119-646-143		Manufactured	No			110	Each	0.0000	1.0000			
										56968		R 4/8/10
Replacement Float Skidtube w/ Full Length Wearplates & Wearpads												
D119-646-311		Manufactured	No			110	Each	2.0000	1.0000			
Ground Handling												

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

FG

2

53508

1

53509

1

53508

D3883-2



Saddle, Outboard RH

Manufactured No

110

Each

4.0000

2.0000



Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST429

4

51990

4

51990

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 56739



Parent Item: D119-646-114



Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, RH


Start Date: 05/03/2010

Required Date: 17/03/2010

Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3884-2  Saddle, Inboard RH		Manufactured	No			110	Each	4.0000	2.0000			

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST429

4

53051

4

110

Each

363.0000

16.0000

53051

10/10/12 (1)

D2652



Bushing

Manufactured

No

Warehouse
Location

Loc Qty

Loc Code

OFFSHORE

FG

44

31985

44

Main Warehouse

ST021

264

53741

30

56067

234

56067

Main Warehouse

ST40

55

51531

55

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Required Date: 17/03/2010

Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

AN3C50A

Purchased

No

110

Each

46.0000

8.0000



Bolt



M114422 1P

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

46

112046

5

112454

4

112761

37

112761 7P

AN4C6A

Purchased

No

110

Each

611.0000

18.0000



Bolt



0.103/22 ①

Warehouse

Loc Qty

Loc Code

Location

OFFSHORE

FG

4

103344

4

Main Warehouse

ST

607

111295

0

112759

25

112794

82

113121

500

A713121

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Work Order ID: 56739

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Comments: IPP RevA: New issue DD verified by:EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21250-05-006 BOLT		Purchased	No			110	Each	74.0000	8.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	74	
112046	12	
112657	62	

AN960C10L

Purchased

No

110

Each

388.0000

20.0000

washer

NA S1149C0 332R

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	100	
103585	100	
Main Warehouse		
ST	288	
112116	128	
112612	160	

7112657

7114341

12/10/12

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56739

Parent Item: D119-646-114

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, RH


Start Date: 05/03/2010

Required Date: 17/03/2010

Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960C416L  WASHER		Purchased	No			110	Each	1,314.000	30.0000			

Warehouse Location	Loc Qty	Loc Code
OFFSHORE		
FG	44	
104925	44	
Main Warehouse		
ST	1270	
111916	2	
112612	368	
112794	500	
112828	400	

AN960C516L



WASHER

Purchased

No

110

Each

161.0000

8.0000

Warehouse Location	Loc Qty	Loc Code
Main Warehouse		
ST	161	
109545	12	
111650	23	
111916	126	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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Work Order ID: 56739

Parent Item: D119-646-114

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, RH

Comments: IPP RevA: New issue DD verified by:EC

Start Date: 05/03/2010

Required Date: 17/03/2010

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21043-3 Nut		Purchased	No			110	Each	4,196.000	14.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	80	
103691	80	
Main Warehouse		
ST	4116	
111819	70	
112243	29	
112314	4017	

MS21043-4 Nut		Purchased	No			110	Each	374.0000	13.0000			
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<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
OFFSHORE		
FG	40	
104603	40	
Main Warehouse		
ST	334	
112314	100	
112492	11	
113064	223	

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
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Work Order ID: 56739

Parent Item: D119-646-114

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, RH

Start Date: 05/03/2010

Required Date: 17/03/2010

Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D2712 Set Screw		Manufactured	No			110	Each	439.0000	12.0000			

Warehouse Loc Qty Loc Code

Location

OFFSHORE

FG 50

29962 50

Main Warehouse

ST 2

47603 2

Main Warehouse

ST022 387

16400 20

43810 11

50415 356

D3672-7

Manufactured No

110

Each

803.0000

24.0000

Phenolic Washer

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST 803

53237 803

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56739

Parent Item: D119-646-114

Parent Item Name: Float Skidtube w/ Full Length Wearplates & Wearpads, RH

Start Date: 05/03/2010

Required Date: 17/03/2010

Comments: IPP RevA: New issue DD verified by:EC

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3672-3 Phenolic Washer		Manufactured	No			110	Each	524.0000	30.0000			

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST117

24

51596

24

Main Warehouse

ST77

500

55560

500

D3407-041

Manufactured No

110

Each

12.0000

1.0000

Tow Ring

Warehouse
Location

Loc Qty

Loc Code

OFFSHORE

FG

3

35780

3

Main Warehouse

ST

3

48356

1

50755

2

Main Warehouse

ST464

6

55032

6

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Work Order ID: 56739

Parent Item: D119-646-114

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Start Date: 05/03/2010

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Start Qty: 1.00


Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3417-5  Washer		Manufactured	No			110	Each	117.0000	1.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	117	
44350	14	
50366	3	
52344	100	

D3456-1  Washer		Manufactured	No			100	Each	172.0000	1.0000			
--	--	--------------	----	--	--	-----	------	----------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	172	
51653	4	
54692	168	

D3417-7  Washer		Manufactured	No			110	Each	22.0000	1.0000			
--	--	--------------	----	--	--	-----	------	---------	--------	--	--	--

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST90	22	
51645	22	

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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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Start Qty: 1.00

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Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN3C45A  BOLT		Purchased	No			110	Each	50.0000	6.0000 			

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse
ST

112646

50

50

AN960JD416

Purchased

No

110

Each

0.0000

6.0000


Washer

NA51149 004635

1112646

1114576

Per 1/12 (1)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

4.3 Float Skidtubes

Item	Qty -013	Qty -014	Qty -113	Qty -114	Qty -213	Qty -214	Qty -043	Qty -143	Qty -153	Qty -243	Qty -253	Qty -311	Part Number	Description
	X												D119-646-013	FLOAT SKIDTUBE INSTALLATION WITH WEARPADS, LH
		X											D119-646-014	FLOAT SKIDTUBE INSTALLATION WITH WEARPADS, RH
			X										D119-646-113	FLOAT SKIDTUBE INSTALLATION WITH FULL LENGTH WEARPLATES & WEARPADS, LH
				X									D119-646-114	FLOAT SKIDTUBE INSTALLATION WITH FULL LENGTH WEARPLATES & WEARPADS, RH
					X								D119-646-213	FLOAT SKIDTUBE INSTALLATION WITH TRAINING WEARPLATES, LH
						X							D119-646-214	FLOAT SKIDTUBE INSTALLATION WITH TRAINING WEARPLATES, RH
	1						X						D119-646-043	REPLACEMENT FLOAT SKIDTUBE WITH WEARPADS
			1					X					D119-646-143	REPLACEMENT FLOAT SKIDTUBE WITH FULL LENGTH WEARPLATES & WEARPADS
									X				D119-646-153	WEARPLATE KIT STANDARD SKIDTUBE
					1	1				X			D119-646-243	REPLACEMENT FLOAT SKIDTUBE WITH TRAINING WEARPLATES
											X		D119-646-253	TRAINING WEARPLATES FLOAT SKIDTUBE
	1	1	1	1	1	1						X	D119-646-311	GROUND HANDLING KIT
1							1						D3905-041	FLOAT SKIDTUBE ASSY. WITH WEARPAD
20								1					D3905-043	FLOAT SKIDTUBE ASSY. WITH WEARPLATE & WEARPAD
24									1				D3846-1	GASKET
25									1				D3846-11	GASKET
26									1				D3847-043	RWD WEARPLATE ASSY
27									1				D3847-045	CENTER WEARPLATE ASSY
28									1				D3847-049	AFT WEARPLATE ASSY
29									8				D3847-1	WEARPAD
30									1				D3847-11	WEARPAD
31									42				AN305A	BOLT
32									42				AN980C10L	WASHER (OR NAS1149C0332R)
40										1			D3905-045	FLOAT SKIDTUBE ASSY. TRAINING WEARPLATE
44											1		D3849-047	RWD TRAINING WEARPLATE ASSY
45											1		D3849-045	AFT TRAINING WEARPLATE ASSY
46											1		D3846-1	GASKET
47											1		D3846-11	GASKET
48											1		D3847-1	WEARPAD
49											1		D3847-11	WEARPAD
51											16		D3904-1	WASHER
52											8		AN3048A	BOLT
53											8		MS21043-3	NUT
54											10		AN305A	BOLT
55											10		AN980C10L	WASHER (OR NAS1149C0332R)
60	2	2	2	2	2	2							D3883-1	SADDLE, OUTSIDE, LH
61		2	2	2	2	2							D3883-2	SADDLE, OUTSIDE, RH
62	2		2	2	2	2							D3884-1	SADDLE, INSIDE, LH
63		2	2	2	2	2							D3884-2	SADDLE, INSIDE, RH
64	16	16	8	16	16	16							D2852	PUSHING
65	8	8	8	8	8	8							AN3050A	BOLT
66	12	12	12	12	12	12							AN306A	BOLT
67	8	8	8	8	8	8							MS21250-05006	BOLT
68	8	8	8	8	8	8							AN980C10L	WASHER (OR NAS1149C0332R)
69	24	24	24	24	24	24							AN980C15L	WASHER (OR NAS1149C0432R)
70	8	8	8	8	8	8							AN980C516L	WASHER (OR NAS1149C0532R)

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Revision: B

Date: 09.08.29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

REFERENCE ONLY

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IIN-D119-646

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m	Qty -013	Qty -014	Qty -113	Qty -114	Qty -213	Qty -214	Qty -043	Qty -143	Qty -153	Qty -243	Qty -253	Qty -311	Part Number	Description
1	8	8	8	8	8	8							MS21043-3	NUT
2	12	12	12	12	12	12							MS21043-4	NUT
3	12	12	12	12	12	12							D2712	SET SCREW
4	16	16	16	16	16	16							D3672-7	WASHER
5	24	24	24	24	24	24							D3672-3	WASHER
6	8	8	8	8	8	8							D3672-7	WASHER
7	1	1	1	1	1	1							D3407-041	PTOW RING
8	1	1	1	1	1	1							D3417-5	WASHER
9	1	1	1	1	1	1							D3456-1	WASHER
10	1	1	1	1	1	1							MS21043-4	NUT
11	1	1	1	1	1	1							D3417-7	WASHER
12												2	D3666-041	LUG ASSEMBLY
13												8	D2652	BUSHING
14												4	AN3C46A	BOLT
15												4	AN960C10L	WASHER (OR NAS1149C0332R)
16												4	MS21043-3	NUT
17	3	3	3	3									AN3C45A	BOLT
18					(3)	(3)							AN3C50A	BOLT
19	3	3	3	3									AN3C45A	BOLT
20					(3)	(3)							AN3C46A	BOLT
21					(9)	(9)							D3604-1	WASHER
22	6	6	6	6	6	6							AN4C6A	BOLT
23	6	6	6	6	6	6							D3672-3	WASHER
24	6	6	6	6	6	6							AN960C413L	WASHER (OR NAS1149C0432R)
25	5	5	5	5	5	5							AN960C041E	WASHER (OR NAS1149C0463J)
26	12	12	12	12	(2)	(3)							AN960C10L	WASHER (OR NAS1149C0332R)
27	6	6	6	6	(3)	(6)							MS21043-3	NUT

() ITEMS IN BRACKETS ARE REF. ONLY AND DO NOT NEED TO BE INCLUDED WITH KIT.
AS THEY ARE ALREADY INSTALLED ON SKIDTUBE.

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Revision: B

Date: 09.06.29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries